

School **KIPP TECH VALLEY CHARTER SCHOOL**
School ID **01-01-00-86-0867**

School Profile

This section shows comprehensive data relevant to this school's learning environment, including information about enrollment, average class size, and teacher qualifications.

Enrollment

	2004-05	2005-06	2006-07
Pre-K		0	0
Kindergarten		0	0
Grade 1		0	0
Grade 2		0	0
Grade 3		0	0
Grade 4		0	0
Grade 5		84	91
Grade 6		0	75
Ungraded Elementary		0	0
Grade 7		0	0
Grade 8		0	0
Grade 9		0	0
Grade 10		0	0
Grade 11		0	0
Grade 12		0	0
Ungraded Secondary		0	0
Total K-12		84	166

Average Class Size

	2004-05	2005-06	2006-07
Common Branch			
Grade 8			
English			
Mathematics			
Science			
Social Studies			
Grade 10			
English			
Mathematics			
Science			
Social Studies			

Enrollment Information

Enrollment counts are as of Basic Educational Data System (BEDS) day, which is typically the first Wednesday of October of the school year. Students who attend BOCES programs on a part-time basis are included in a school's enrollment. Students who attend BOCES on a full-time basis or who are placed full time by the district in an out-of-district placement are not included in a school's enrollment. Students classified by schools as "pre-first" are included in first grade counts.

Average Class Size Information

Average Class Size is the total registration in specified classes divided by the number of those classes with registration. *Common Branch* refers to self-contained classes in Grades 1-6.

Pa 40

School **KIPP TECH VALLEY CHARTER SCHOOL**
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Demographic Factors

	2004-05		2005-06		2006-07	
	#	%	#	%	#	%
Eligible for Free Lunch			58	69%	99	60%
Reduced-Price Lunch			5	6%	26	16%
Student Stability*				0%		95%
Limited English Proficient			0	0%	0	0%
Racial/Ethnic Origin						
American Indian or Alaska Native			0	0%	0	0%
Black or African American			75	89%	147	89%
Hispanic or Latino			4	5%	10	6%
Asian or Native Hawaiian/Other Pacific Islander			0	0%	0	0%
White			5	6%	9	5%
Multiracial**			N/A	N/A	0	0%

* Not available at the district level.

** Multiracial enrollment data were not collected statewide in the 2004-05 and 2005-06 school years.

Attendance and Suspensions

	2003-04		2004-05		2005-06	
	#	%	#	%	#	%
Annual Attendance Rate				0%		
Student Suspensions			0	N/A	0	0%

Demographic Factors Information

Eligible for Free Lunch and Reduced-Price Lunch percentages are determined by dividing the number of approved lunch applicants by the Basic Educational Data System (BEDS) enrollment in full-day Kindergarten through Grade 12. *Eligible for Free Lunch and Limited English Proficient* counts are used to determine *Similar Schools* groupings within a *Need/Resource Capacity* category. *Student Stability* is the percentage of students in the highest grade in a school who were also enrolled in that school at any time during the previous school year. (For example, if School A, which serves Grades 6-8, has 100 students enrolled in Grade 8 this year, and 92 of those 100 students were also enrolled in School A last year, the stability rate for the school is 92 percent.)

Attendance and Suspensions Information

Annual Attendance Rate is determined by dividing the school's total actual attendance by the total possible attendance for a school year. A school's actual attendance is the sum of the number of students in attendance on each day the school was open during the school year. Possible attendance is the sum of the number of enrolled students who should have been in attendance on each day the school was open during the school year. *Student Suspension rate* is determined by dividing the number of students who were suspended from school (not including in-school suspensions) for one full day or longer anytime during the school year by the Basic Educational Data System (BEDS) day enrollments for that school year. A student is counted only once, regardless of whether the student was suspended one or more times during the school year.

More Information about the School

School **KIPP TECH VALLEY CHARTER SCHOOL**
School ID **01-01-00-86-0867**

Financial Information

2005-06 School District-wide Total
Expenditures per Pupil

2005-06 NYS Public School Total	\$16,212
Expenditures per Pupil	

2006-07 Estimated Percentage of Students	71-80%
from Families Receiving Public Assistance	

NOTE

Expenditure data are available only at the district level.

Public Assistance information is available only at the school level.

Line #	Account Code & Description	budget projections	
		7/1/08 - 6/30/09 Budgeted	7/1/09 - 6/30/10 Budgeted
1	Number of Students	270	300
2	Per Pupil Revenue	\$ 11,703.00	\$ 11,703.00
3	Days of School	200	200
4	Number of Teachers	17	23
5	Total Faculty & Staff	27	30
6	Inflation	1.03	1.03
7	Free/reduced%	0.8	0.7
8			
9			
10	Income		
11	40000 - STATE & LOCAL REVENUE		
12	40010 - PER PUPIL REVENUE	\$ 3,159,810	\$ 3,510,900
13	40040 - GRANT REVENUE		
14	Total 40000 - STATE & LOCAL REVENUE	\$ 3,159,810	\$ 3,510,900
15	40100 - FEDERAL REVENUE		
16	40140 - REVENUE PASS THROUGH - STATE		
17	40141 - TITLE VB	\$ -	\$ -
18	40141 - STATE STIMULUS FUND	\$ -	\$ -
19	40142 - FEDERAL LUNCH REIMBURSEMENT	\$ 150,063	\$ 176,820
20	40143 - TITLE I	\$ 140,000	\$ 140,000
21	Total 40140 - REVENUE PASS THROUGH - STATE	\$ 290,063	\$ 316,820
22	Total 40100 - FEDERAL REVENUE	\$ 290,063	\$ 316,820
23	40600 - PRIVATE GRANT REVENUE		
24	40610 - BRIGHTER CHOICE FOUNDATION	\$ -	\$ -
25	40600 - PRIVATE GRANT REVENUE - Other	\$ 100,000	\$ 100,000
26	Total 40600 - PRIVATE GRANT REVENUE	\$ 100,000	\$ 100,000
27	40700 - FUNDRAISING		
28	Total Income	\$ 3,549,873	\$ 3,927,720
29	Expense		
30	50000 - ACCOUNTING	\$ 18,000	\$ 18,000
31	50200 - ALARM SERVICE	\$ 500	\$ 500
32	50400 - AUDIT EXPENSE	\$ 10,000	\$ 10,000
33	50500 - BANK CHARGES	\$ 500	\$ 500
34	50800 - CONTRACT LABOR	\$ -	\$ -
35	50810 - INSTRUCTIONAL	\$ 10,000	\$ 10,000
36	50820 - NON INSTRUCTIONAL	\$ -	\$ -
37	50830 - SPECIAL EDUCATION	\$ -	\$ -
38	50840 - SOCIAL WORK	\$ -	\$ -
39	Total 50800 - CONTRACT LABOR	\$ 10,000	\$ 10,000
40	50900 - CONSULTANTS		
41	50920 - ASSESSMENT	\$ 5,000	\$ 5,000
42	50930 - TECHNOLOGY	\$ 2,000	\$ 2,000
43	50900 - CONSULTANTS - Other	\$ 2,000	\$ 2,000
44	Total 50900 - CONSULTANTS	\$ 9,000	\$ 9,000
45	51200 - DIJES AND SUBSCRIPTIONS	\$ 2,000	\$ 2,000
46	51300 - EQUIPMENT		
47	51310 - INSTRUCTIONAL FURNITURE	\$ -	\$ 2,500

48	51320 · NON INSTRUCTIONAL FURNITURE	\$	-	\$	2,500
49	51340 · ATHLETIC	\$	2,500	\$	2,500
50	51340 · MUSIC	\$	-	\$	-
51	51370 · OFFICE EQUIPMENT	\$	5,000	\$	2,500
52	51380 · SOFTWARE	\$	-	\$	-
53	Total 51300 · EQUIPMENT	\$	7,500	\$	10,000
54	51400 · FEES AND LICENSING				
55	51410 · BACKGROUND SCREENING FEES	\$	750	\$	750
56	51400 · FEES AND LICENSING - Other	\$	37,918	\$	42,131
57	Total 51400 · FEES AND LICENSING	\$	38,668	\$	42,881
58	51450 · FOOD SERVICE EXPENSE	\$	187,578	\$	252,600
59	51500 · MEETING EXPENSE	\$	2,000	\$	2,000
60	51600 · FRINGE BENEFITS				
61	51610 · HEALTH INSURANCE	\$	126,360	\$	162,000
62	51620 · RETIREMENT	\$	67,500	\$	98,272
63	Total 51600 · FRINGE BENEFITS	\$	193,860	\$	260,272
64	51700 · SPECIAL EVENTS	\$	5,000	\$	5,000
65	51750 · FIELD TRIPS	\$	120,000	\$	120,000
66	51900 · INSURANCE				
67	51910 · GENERAL LIABILITY	\$	40,000	\$	41,200
68	51960 · DISABILITY & WORKERS COMP INS	\$	20,000	\$	20,600
69	Total 51900 · INSURANCE	\$	60,000	\$	61,800
70	52000 · INTEREST EXPENSE				
71	52100 · LEGAL EXPENSE	\$	12,000	\$	12,000
72	52200 · LIBRARY EXPENSE	\$	6,000	\$	6,000
73	52300 · MAINTENANCE			\$	-
74	52320 · FACILITY	\$	90,000	\$	92,700
75	52300 · MAINTENANCE - Other	\$	-	\$	-
76	Total 52300 · MAINTENANCE	\$	90,000	\$	92,700
77	52500 · OFFICE EXPENSE				
78	52510 · COPIER LEASE	\$	30,000	\$	30,000
79	52500 · OFFICE EXPENSE - Other	\$	5,000	\$	5,000
80	Total 52500 · OFFICE EXPENSE	\$	35,000	\$	35,000
81	52600 · SALARIES AND WAGES				
82	52620 · ADMINISTRATIVE	\$	256,500	\$	237,500
83	Total 52600 · SALARIES AND WAGES	\$	256,500	\$	237,500
84	52610 · PROFESSIONAL SALARIES				
85	52611 · INSTRUCTIONAL	\$	1,117,250	\$	1,249,000
86	52612 · NON-INSTRUCTIONAL	\$	190,500	\$	208,865
87	52610 · PROFESSIONAL SALARIES - Other	\$	-	\$	-
88	Total 52610 · PROFESSIONAL SALARIES	\$	1,307,750	\$	1,457,865
89	52700 · PAYROLL TAXES				
90	52710 · FEDERAL WITHHOLDING				
91	52712 · FICA - EMPLOYER	\$	117,319	\$	127,152
92	52713 · STATE UNEMPLOYMENT	\$	26,592	\$	28,821
93	52714 · FEDERAL UNEMPLOYMENT	\$	7,821	\$	8,477
94	Total 52700 · PAYROLL TAXES	\$	151,732	\$	164,450
95	52720 · PAYROLL SERVICE EXPENSE	\$	4,000	\$	4,120
96	52800 · POSTAGE AND SHIPPING	\$	3,500	\$	3,500
97	52900 · PRINTING	\$	1,500	\$	1,500
98	53000 · PUBLIC RELATIONS	\$	2,500	\$	2,500

99	53200 · RECRUITMENT		\$	-
100	53210 · STUDENT	\$	3,500	\$ 3,500
101	53220 · STAFF	\$	3,500	\$ 3,500
102	Total 53200 · RECRUITMENT	\$	7,000	\$ 7,000
103	53300 · SPACE LEASE	\$	450,000	\$ 450,000
104	53500 · PROFESSIONAL DEVELOPMENT			
105	53501 · INSTRUCTIONAL	\$	40,000	\$ 23,000
106	53500 · PROFESSIONAL DEVELOPMENT - Other	\$	-	\$ -
107	Total 53500 · PROFESSIONAL DEVELOPMENT	\$	40,000	\$ 23,000
108	53510 · BOARD DEVELOPMENT	\$	2,500	\$ 2,500
109	53600 · STUDENT ASSESSMENT/TESTING	\$	10,000	\$ 10,000
110	53700 · STUDENT TRANSPORTATION	\$	162,000	\$ 216,000
111	53800 · SUPPLIES/MATERIALS	\$	-	\$ -
112	53810 · MAINTENANCE	\$	6,000	\$ 6,000
113	53820 · INSTRUCTIONAL	\$	34,000	\$ 46,000
114	53830 · TECHNOLOGY	\$	5,000	\$ 5,000
115	53850 · SIGNAGE	\$	1,000	\$ 1,000
116	53860 · COPIER	\$	5,000	\$ 5,000
117	Total 53800 · SUPPLIES/MATERIALS	\$	51,000	\$ 63,000
118	53900 · TELEPHONE	\$	18,000	\$ 18,540
119	54000 · TEXTBOOKS & CURRICULUM	\$	10,000	\$ 10,000
120	54100 · TECHNOLOGY		\$	-
121	54110 · HARDWARE	\$	10,000	\$ 15,000
122	54120 · SOFTWARE	\$	2,500	\$ 2,500
123	54130 · INTERNET ACCESS	\$	5,500	\$ 5,665
124	54140 · WIRING	\$	-	\$ -
125	Total 54100 · TECHNOLOGY	\$	18,000	\$ 23,165
126	54200 · TRAVEL	\$	5,000	\$ 5,000
127	54300 · UTILITIES	\$	62,000	\$ 63,860
128	54500 · MISCELLANEOUS EXPENSE	\$	2,000	\$ 2,000
129	54600 · UNIFORMS	\$	15,000	\$ 20,000
130	60600 · TITLE VB GRANT	\$	-	\$ -
131	60602 · SUPPLIES	\$	-	\$ -
132	60603 · EQUIPMENT	\$	-	\$ -
133	60606 · PROFESSIONAL DEVELOPMENT	\$	-	\$ -
134	60607 · PROFESSIONAL SALARIES	\$	-	\$ -
135	60608 · FRINGE BENEFITS	\$	-	\$ -
136	60609 · ASSESSMENT	\$	-	\$ -
137	Total 60600 · TITLE VB GRANT	\$	-	\$ -
138	70100 · BRIGHTER CHOICE GRANT			
139	70110 · INSURANCE EXPENSE	\$	-	\$ -
140	Total 70100 · BRIGHTER CHOICE GRANT			
	70200 · KIPP to COLLEGE			
	70202 · SUPPLIES	\$	-	\$ 5,000
	70203 · EQUIPMENT	\$	-	\$ 8,000
	70204 · PROFESSIONAL DEVELOPMENT	\$	-	\$ 2,500
	70205 · SPACE LEASE	\$	-	\$ 15,000
	70206 · TRANSPORTATION	\$	-	\$ 5,000
	70207 · ASSESSMENT	\$	-	\$ 3,000
	Total 70200 · KIPP to COLLEGE	\$	-	\$ 38,500

141	Total Expense	\$ 3,385,588	\$ 3,772,253
142			
143	Total Expense	\$ 3,385,588	\$ 3,772,253
144	Contingency	\$ 135,424	\$ 150,890
145	Total Revenues	\$ 3,549,873	\$ 3,927,720
146	Net Income	\$ 28,861	\$ 4,577
147	Expenses as Percent of Revenue	95.4%	96.0%

TECHNOLOGY PLAN
For July, 2004 – June, 2007
TEAM Academy Charter School

Technology Plan

TEAM Academy Charter School

For the period July 1, 2004 through June 30, 2007

County: Essex

School district/Charter School: TEAM Academy Charter School

Grade levels:

Academic Year (AY) 2003-04: grades 5-6

AY 04-05: grades 5-7

AY 05-06, 06-07: grades 5-8

Date approved by Board of Trustees: 5/20/04

Is the District/Charter School compliant with the Children's Internet Protection Act (CIPA) ? (y/n) Yes

Page		NCLB	E-RATE
	I. EXECUTIVE SUMMARY <i>Include a vision or mission statement</i>		
	II. TECHNOLOGY INVENTORY A. <i>Attach a copy of the 2003 NJDOE School Technology Survey for each school in the district or for the Charter School.</i>		
	<p style="text-align: center;"><u>Sample Table Help</u></p> B. <i>Describe the District/Charter School's technology inventory needed to improve student academic achievement through 2007 including, but not limited to:</i> i. <i>Technology equipment and networking capacity</i> ii. <i>Software used for curricular support and filtering</i>		

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For July, 2004 – June, 2007
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	iii. <i>Technology maintenance policy and plans</i> iv. <i>Telecommunications services</i> v. <i>Technical support</i> vi. <i>Facilities infrastructure</i> vii. <i>Other services</i>		
	C. <i>Include a plan for replacing obsolete computers/technology; include your District's/Charter School's criteria for obsolescence. Help</i>		
	III. THREE-YEAR GOALS AND OBJECTIVES <i>Describe the specific goals and objectives for using technology to improve student academic achievement aligned with NJ Core Curriculum Content Standards, include goals and objectives for integrating technology (including software and other electronically delivered learning materials) into curricula and instruction. Also include a timeline for such integration. Help</i>		
	IV. THREE-YEAR IMPLEMENTATION STRATEGIES/ACTIVITY TABLES (July 2004 – June 2007) <p style="text-align: center;"><u>Sample Table</u></p> <i>Describe the implementation strategies and activities that relate to the District/Charter school's goals and objectives. Include strategies and activities that address the following:</i> A. <i>how all students will acquire information technology literacy skills; Help</i>		
	B. <i>how all students regardless of gender, race, national origin, special need and religious affiliation have equitable access to educational technology;</i>		
	C. <i>how are resources/services/activities coordinated and shared with projects that are funded from federal, state and local sources;</i>		

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For July, 2004 – June, 2007
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	D. <i>how are innovative strategies supported and developed for use in the instructional classroom (such as using distance learning for those areas that would not otherwise have access to such courses and curricula due to geographical isolation or insufficient resources); <u>Help</u></i>		
	E. <i>how effective use of technology will promote parental involvement and increase communication with parents, including a description of how parents will be informed of the technology being applied in their child's education so that the parents are able to reinforce at home the instruction their child receives at school, and <u>Help</u></i>		
	F. <i>how programs will be developed, where applicable, in collaboration with Adult Literacy service providers. <u>Help</u></i>		
	V. FUNDING PLAN (July 2004 – June 2007) <i>Describe a spending plan that includes:</i> A. <i>the supporting resources that include services, other electronically delivered learning materials and print resources that will be acquired to ensure successful and effective uses of technology; <u>Help</u></i>		
	B. <i>the projected costs of technologies to be acquired and expenses such as hardware/software, digital curricula, upgrades and other services that will be needed to achieve the goals of this plan, including specific provisions for interoperability among components of such technologies; <u>Help</u></i>		
	C. <i>the federal, state, local and other sources of funds used to help ensure that students have access to technology, and</i>		
	D. <i>the federal, state, local and other sources of funds used to help ensure that teachers are prepared to integrate technology effectively into curricula and</i>		

TECHNOLOGY PLAN
For July, 2004 – June, 2007
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	<i>instruction. <u>Sample Table</u></i>		
	VI. PROFESSIONAL DEVELOPMENT <i>Describe the professional development activities for teachers, administrators, and school library media personnel that include:</i>		
	A. <i>how teachers have access to educational technology in their instructional areas (such as using desktops, mobile laptop and wireless units, PDAs);</i>		
	B. <i>the process to identify and modify the core curriculum content area to support the infusion of technology;</i>		
	C. <i>how relevant research is used to integrate technology into curricula and instruction, to improve student academic achievement, as measured by New Jersey's Core Curriculum Content Standards; <u>Help</u></i>		
	D. <i>how ongoing, sustained professional development for all administrators is provided to further the effective use of technology in the classroom or library media center. <u>Help</u></i>		
	E. <i>Provide a summary of teacher and library media personnel proficiency in the use of technology within the District/Charter School.</i>		
	F. <i>What professional development needs and barriers have been identified in the District/Charter School as it relates to using technology as part of instruction?</i>		
	G. <i>Based on teacher and library media personnel proficiency and the needs in the District/Charter School for professional development, list and describe ongoing, sustained, high-quality professional development opportunities planned for 2004-2007; include the involvement of all partners</i>		

TECHNOLOGY PLAN
For July, 2004 – June, 2007
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	<i>associated with professional development in the District/Charter School.</i>		
	VII. EVALUATION PLAN <u>Sample Table</u> <i>Describe the process and accountability measures that are used to regularly evaluate the extent to which goals, objectives, activities, resources and services are effective in integrating technology into curricula and instruction, students meeting challenging state academic standards, and developing life-long learning skills. Help</i>		

County: Essex District/Charter School: TEAM Academy Charter School

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For July, 2004 – June, 2007
TEAM Academy Charter School

Print Superintendent's/Lead Person's name: Ryan Hill

Superintendent's/Lead Person's Signature:

Phone number: 973-705-8326 ext: _____ E-mail: rhill@teamacademy.org

Please indicate below the person to contact for questions regarding this technology plan:

Print name & Title: Hannah Richman, Principal

Signature: _____

Phone number: 973-705-8326 ext: _____ E-mail: hrichman@teamacademy.org

Review Approvals by the County Coordinating Councils for Distance Learning and Technology:

Print Name & Title:

Signature: _____ Date:

Print Name & Title:

Signature: _____ Date:

Print Name & Title:

Signature: _____ Date:

TECHNOLOGY PLAN
For July, 2004 – June, 2007
TEAM Academy Charter School

I. EXECUTIVE SUMMARY

TEAM Academy Technology Vision Statement

TEAM Academy believes that the effective use of technology is integral to the instructional, administrative, and communication functions of the school. The availability of technology and a strategic plan that ensures the enhancement of learning through technology will stimulate our academic environment where TEAM Academy students will evolve from technologically alienated youths to technologically savvy academic stars.

Through technology, TEAM Academy can positively impact student and adult learning, make better educational and management decisions, and improve communication with teachers, parents, students, alumni, and the larger school community. For these reasons, education through technology is a priority.

Nearing the end of our second year of operations, the TEAM Academy has overcome substantial challenges and successfully incorporated contemporary technology into our school – both as a critical topic of study for 21st century citizens, as well as in support of other learning activities.

As a charter school, we face severe limitations on the availability and quality of facilities. We lack any single room dedicated wholly to technology, for instance. Nevertheless, we need to serve our community fully, no matter the distance. Therefore we made a strategic decision to equip the floor we occupy in our building for wireless internet access, so that all of our students and staff can access the network and online services they need to coordinate activities and enrich the academic experience. Additionally, we provide cellular phones to all faculty, so that students can reach them at any time for help with their homework – a popular and effective program. In brief, here are some other components of our hardware inventory:

- ✓ Our entire school is on a shared server, which is accessible to students
- ✓ We have wireless connectivity school-wide, available to students through a mobile laptop cart
- ✓ We have an average of 2 desktops per classroom
- ✓ Overall ratio of students to computers is 3.3:1 (143:43)

As we expand the size of school population and facilities in each of the three coming academic years, we will continue to enlarge the wireless network and the availability of laptop computers for use in our network. With the help of our technology program, the TEAM Academy will continue to overcome obstacles and help our students climb the mountain to college.

TECHNOLOGY PLAN
For July, 2004 – June, 2007
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II. TECHNOLOGY INVENTORY

- A. Please see the attached Appendix for the 2003 NJDOE School Technology Survey.
- B. Planned expansion in technology inventory to improve student academic achievement through 2007.
- i. Technology equipment and networking capacity

The following table (Table 1) depicts the number of computers we will need to procure each year to maintain, at least, a student to computer ratio of 5:1, and the networking capacity necessary to support them. Our current laptop inventory consists primarily of Dell Latitude laptops, which come equipped with wireless internet cards and Pentium 4 processors. These computers are more than sufficient for the technological needs of our program (including student use of the internet and basic e-Encyclopedia research on CD-ROM, etc., as well as faculty use of other applications like PowerPoint), as well as affordable through Dell's education programs, and will thus be the likely model for further computer purchases.

The table also lists the expansion of our server. The Team Academy already has a high quality student server in place. However, by the third out year, we will likely have surpassed the ability of that server to handle all the student and staff traffic. Judging by the satisfactory performance and considerable expense of our current server (an HP Proliant ML 350 G3 Server w/ the following specs: 1GB RAM 3 72GB SCSI HD Drives RAID 5 3Yr 9x5 4hr), we will likely expand on that system instead of entirely replacing it.

Table 1.

Equipment	Number	Year of implementation
Laptop computers	40	2004-05
Laptop computers	40	2005-06
Laptop computers	40	2006-07
Mobile laptop cart	1	2004-05
Mobile laptop cart	1	2005-06
Mobile laptop cart	1	2006-07
Expansion of TEAM Academy Network Server	1	2005-06

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ii. Software used for curricular support and filtering

We have noted with interest the innovations that other schools are beginning to make by using sophisticated software to support curriculum implementation, including tracking student performance at a variety of levels. We have yet to determine whether such programs would be effective in the TEAM Academy's academic environment. However, we are planning a substantial analysis of our curriculum this summer with the assistance of a specialized curriculum developer. We are waiting until that time to re-evaluate our perspective on the efficacy of curriculum support software. We are holding open the possibility, though, that we may wish to incorporate such software into our curriculum implementation activities.

iii. Technology maintenance policy and plans

TEAM Academy is in the process of developing policies for the life cycle and replacement schedule of technology. But we do have a strong system for maintaining much of our current equipment. Between the companies that provide our server installation and support and our Internet access, Future Generation and Cablevision, respectively, we have a year-to-year arrangement for the upkeep of infrastructure and operations. Our agreement with Future Generation, for example, covers our network wiring, switches, wireless access points, servers and tape backup. Our maintenance agreements are a critical safety net to ensure uninterrupted access to technology services for the TEAM Academy community. We are committed to ensuring the continued quality of our technology services.

iv. Telecommunications services

Telecommunications play a critical role in the TEAM Academy's academic mission. As is discussed in Section I, every TEAM teacher has a cell phone which their students can call at any time with questions. Such a simple provision powerfully amplifies the school-family connection. Not only can our students continue learning beyond our doors, but our parents are more informed, updated and involved about their child's performance.

It is imperative for our school culture that we maintain our uninterrupted remote access to each other. Therefore, every new teacher added in each of the coming three years (seven in 2004-05, and about five in each of the next two years) will have a cell phone for regular student and parent access.

Additionally, as a member of the KIPP network of schools, a nationally recognized program that trains excellent educators to start and lead effective schools, we communicate regularly with teachers and schools around the country

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regarding best practices and other business. For this reason, long distance phone service is not a luxury, but a necessary tool for our academic development.

v. Technical support

Please see subsection iii above. One teacher is able to provide some technical support and training to other TEAM teachers.

vi. Facilities infrastructure

As mentioned above, we will be expanding into one additional floor of our building in each of the next two years. Each phase of expansion will involve another round of infrastructure improvements. The following is a detailed but in-exhaustive list of specific infrastructure-related equipment that will need to be purchased, installed and configured during *each of the next two years* to support our facility expansion:

- ✓ Category 5e network lines from IDF patch panels to classrooms. Each room shall receive two lines terminating into a double jack
- ✓ Jacks and conduit for network lines
- ✓ Cat 6 lines to be ran from the IDF to the MDF closet
- ✓ Linksys PC22224 24 Port Managed 10/100 Switch with 2 Expansion Ports
- ✓ Category 5e Patch Cable from patch panel to switch
- ✓ Category 6 Patch Cable for uplink of gigabit ports on each switch to the patch panel
- ✓ Linksys EFPC2GE 1000 BaseT Gigabit Ethernet Module for expansion port on switch
- ✓ Category 5E Patch Cable for server to switch
- ✓ LD Wall Mount/Swing Out Cabinets provide 19" rack mounting in a distribution enclosure
- ✓ Orinoco AP-2000 Wireless Access Point with B/G Radio, Power Cord, Active Ethernet Ready (each floor receiving 5 access points)
- ✓ Category 5e network lines from IDF patch panel to access points
- ✓ Category 5e Patch Cable from jacks to access points
- ✓ Orinoco Active Ethernet 12 Port Switch, one to be placed in each of the IDF closets

vii. Other services

We have been developing a library at the TEAM Academy. To date we have several thousand volumes. Soon we will need to procure a computerized book management system. This system can also be used to manage informational booklets we are already gathering about competitive high schools, colleges and universities, as part of a high school placement program (and a similar one for college) developing over the next two years.

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At this stage we are comparing different programs. One popular program, BookCAT, is inexpensive, easy to use, and interfaces simply with the MS Access program. Our students could learn to operate BookCAT as part of their technology curriculum, perhaps, or just as part of regular library patronage. We will continue to compare options this coming summer and hope to select a program this year.

C. Plan for replacing obsolete technology, including our criteria for obsolescence

We are currently developing criteria for determining technology obsolescence and a schedule for replacing them accordingly. For the purposes for which we employ our computers, we currently assume that the fleet has a 3-5 year life span. Accordingly, we should be able to complete the three year period covered by this plan without having to replace any computers.

III. THREE-YEAR GOALS & OBJECTIVES

The TEAM Academy will integrate technology into curricula and instruction to improve student academic achievement. Our Goals and Objectives were primarily based on the research and priority items identified by the *National Educational Technology Goals by 2004*. They also align with the NJCCCS, NCLB's Enhancing Education through Technology Goals, and the NJDOE's State Technology Plan Goals and Objectives. Alignment with NJCCCS is demonstrated with a lengthy example included below; alignment with NCLB and NJDOE Technology Goals and Objectives is noted parenthetically both in this Section and in Section IV.

Technology Goals & Objectives

1. *TEAM Academy students will be introduced to technology and develop mastery of basic functions.* The attainment of information literacy skills is crucial to functioning in this society. Students will develop familiarity with and master hardware and software being utilized daily in more privileged communities and that will help them as they strive to make academic gains. (NCLB Goal 2A; NJDOE Goal 1)
Objective: Technology-integrated curricular activities will be utilized to improve student achievement.
2. *Improve instruction and the total educational experience.* TEAM Academy teachers will use technology to help students achieve high academic standards. Teachers will design and implement technology-enhanced curricular activities. Teachers will be encouraged to pursue professional development at the local, state, or national levels to maintain current technology awareness. (NCLB Goal 2B; NJDOE Goals 2 and 3)

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Objective: 100% of the teachers and administrators will be trained in technology application based on individual needs.

3. *Effectively manage educational data.* Various informational techniques will be used to gather, store, retrieve and analyze school data. This is particularly essential for tracking federal and state-funded programs. In particular, TEAM has purchased the "Social Solutions" web-based student information system, and has utilized CDK financial software throughout the operation of the school. (NCLB Goal 2B; NJDOE Goals 2 and 3)
Objective: Administrators will be trained in technology applications, in particular Social Solutions and CDK, used for student data and project management.
4. *Improve communication among teachers, students, families and the community.* TEAM Academy will maintain a variety of forms of contact among its community members, including a website, mobile phones carried by teachers 24 hours per day, email, voicemail and other technologies. Parents will be updated on technology offerings and updates through the use of the aforementioned tools. (NJDOE Goal 4)
Objective: Teachers and staff will utilize technology to ensure effective and prompt communication among all TEAM Academy stakeholders.

Alignment of goals with NJCCCS:

The goals identified above are aligned with the NJCCCS. For example, our Grade 6 Technology Curriculum enables students to fulfill the Cross-Content Workplace Readiness Standards and Progress Indicators (Standard 2: All Students Will Use Information, Technology, and Other Tools) at the same time as they meet TEAM Academy Technology Goal #1 and develop skills necessary to reach Goal #4. The Grade 6 Technology Curriculum is detailed below in **Figure 1**.

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Figure 1. Example of alignment of Technology Goals with NJCCCS

Grade 6 Technology Curriculum

Unit 1: Using the Laptop Lab

- ✓ Care for a laptop properly, including keeping it charged and keeping food/drinks away from the computer at all times
- ✓ Successfully start a laptop and log-on to the TEAM Academy network as a student user
- ✓ Properly log-off and shut-down the laptop after use
- ✓ Identify and explain the purpose of Servers
- ✓ Create a personal folder in the proper location of the Student Server
- ✓ Correctly name and save student-created documents in various locations
- ✓ Explain the effects of viruses on computer networks
- ✓ Explain how anti-virus software protects computers from virus damage
- ✓ Correctly update the virus definitions on a laptop

Unit 2: Typing Formats – Using Microsoft Word

- ✓ Explain “professional” standards for presentation of typed documents
- ✓ Correctly indent and double-space paragraphs in writing assignments
- ✓ Correctly bold and center titles of writing assignments
- ✓ Change font type and font size
- ✓ Use the spelling and grammar functions to correct errors

Unit 3: Using World-Book CD-ROM

- ✓ Use the atlas to search for and locate places of interest
- ✓ Use the atlas to calculate the distance between any two places on the globe
- ✓ Search for specific topics
- ✓ Use the article outlines to more quickly locate needed information

Unit 4: Conducting Internet Research

- ✓ Search for websites on specific topics
- ✓ Skim the search result for relevant websites
- ✓ Analyze websites to determine credibility of source
- ✓ Properly cite information found on the internet

Ongoing Work

Students will be able to:

- ✓ Use the World Book CD-ROM to locate information that supplements current topics of study in science, social studies, and language arts
- ✓ Use the Internet to research information that supplements current topics of study in science, social studies, and language arts
- ✓ Use Microsoft Word to type essays for science, social studies, and language arts

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Timeline for integrating technology into curricula and instruction:

Current Status:

- ✓ Our entire school is on a shared server, which is accessible to students
- ✓ We have adopted a curriculum that includes information literacy and educational technology standards aligned with the NJCCCS (NJDOE Goal 1, Benchmark 1.2)
- ✓ We have wireless connectivity school-wide, available to students through a mobile laptop cart
- ✓ All teachers carry cellular phones, which students may call at any time for assistance with schoolwork
- ✓ We have an average of 2 desktops per classroom
- ✓ Overall ratio of students to computers is 5.5:1 (143:26)
- ✓ Current technology hardware was paid for by Title X funds and an NCLB grant

September 2004:

- ✓ Components of facility expansion onto a second floor:
 - Implement high speed internet into new classrooms
 - Install another mobile laptop cart
 - Install 2 desktop computers in each new classroom
 - We have filed with E-rate to fund part of these new technology investments

Academic Year 2004-05:

- ✓ Provide technology classes
 - Basic technology tools and functions will be introduced and mastered
 - Community-based organizations, institutions of higher education, retirees, and other volunteers will be recruited to provide technical assistance and tutoring
- ✓ Achieve or surpass a ratio of students to computers of 5:1
- ✓ Facilitate professional development for TEAM Academy teachers in mastering and modeling of technology. Activities include:
 - Connecting with educators online
 - Obtaining and sharing successful lessons and practices
 - Successfully utilizing the student information system
 - Utilizing teaching productivity and curriculum tools
 - Improving teacher communication with families and colleagues
- ✓ Continue 6th Grade Technology Curriculum

Academic Year 2005-06:

- ✓ Maintain a ratio of students to computers of 5:1

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- ✓ Continue 6th Grade Technology Curriculum
- ✓ Further integrate technology into the 7th grade curriculum

Academic Year 2006-07:

- ✓ Maintain a ratio of students to computers of 5:1
- ✓ Technology will be seamlessly integrated into daily instructional activities
- ✓ Entire school facility will include sufficient wiring and circuits for full application of technology
- ✓ Technology will be operated safely and in a budget-conscious manner
- ✓ Further integrate technology into the 7th and 8th grade curriculums

IV. THREE-YEAR IMPLEMENTATION STRATEGIES/ACTIVITY TABLES

A. How all students will acquire information technology literacy skills

- ✓ As is discussed above in section III, all TEAM Academy 6th graders participate in a Technology Curriculum that enables them to become familiar, and develop mastery, with many computer operations, including internet research and constructing documents
- ✓ Students have opportunities to use computers after school and during Saturday enrichment courses
- ✓ Students will be provided access to appropriate instructional technology programs, possibly including CD-ROM based enrichment programs included with academic textbooks

B. How all students regardless of gender, race, national origin, special need and religious affiliation have equitable access to educational technology

As a charter school, the TEAM Academy maintains a strict policy of non discrimination. More importantly, as a community institution, the TEAM Academy's very mission is to enable the children of Newark, the vast majority of those we serve being both ethnic or racial minorities and economically disadvantaged, to climb the mountain to college and achieve what few others think they can. One look at our student population (97% African American, 3% Latino) tells the reader that we are already meeting with success in affording equal access regardless of race. We also have a part-time tutor and other part-time staff members who deliver individualized support to students with special needs, diagnose and target assistance to students with learning disabilities, as well as ensure LEP students progress to a point of proficiency in English from where they can access technology equally.

C. How are resources/services/activities coordinated and shared with projects that are funded from federal, state and local sources

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Several staff members and organizational structures exist to coordinate activity:

- ✓ The Development Director/Principal: works closely with the school leader, school business administrator and other key staff regarding finances and capital; oversees all grant activities and procurement of equipment; serves as Secretary of the Board of Trustees
- ✓ The Lead Person holds regular staff meetings with faculty members to review success and areas of improvement in all school functions, including technology

D. How are innovative strategies supported and developed for use in the classroom

Numerous examples of how we go about developing innovative methods are included below in the section VI: Professional Development. One good example of our innovative approach is a form of distance learning: equipping teachers with cell phones. Since students have a list of each other's, as well as their teacher's, phone numbers, they are essentially enrolled in a 24-hour per day learning community.

E. How effective use of technology will promote parental involvement and increase communication; how parents will be informed of the technology being applied in their child's education so that the parents are able to reinforce at home the instruction their child receives at school

Parents are involved with the TEAM Academy in the following ways:

- ✓ Meeting with TEAM Academy staff for one to two hours in their home before the school year begins, to learn about the expectations of the school and how to best ensure the academic and social success of their child
- ✓ Periodic meetings and conversations with teachers, the Dean of Students, and the Lead Person
- ✓ The option to call teachers on their cell phones
- ✓ Participation in TEAM Academy field trips as chaperones
- ✓ Reviewing and signing students' weekly progress reports / "paychecks," which include both academic and behavioral evaluations
- ✓ TEAM Academy's open door policy, which resulted in over 150 non-parent visitors stopping by last school year

Our cell phone program alone permits an unprecedented frequency and quality of contact between parents and the school. In addition, we are working to incorporate the weekly progress report / paycheck process with our student information system which will result in even more effective tracking of data and more detailed communication with parents. Parents are informed about the use of these applications of technology as they *participate* in them; with such constant updates about their child's performance, parents can adapt to reinforce the entire educational experience.

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F. How programs will be developed, where applicable, in collaboration with Adult Literacy service providers

At this time, the TEAM Academy is not involved with any Adult Literacy programs. Our focus is on accelerating our students past grade level by the time they are finished with 8th grade, so that they can gain access to elite high schools and step toward a literate and accomplished adult life of their own.

V. FUNDING PLAN

The following is an outline of the financial implications for the goals and equipment described so far:

A. Supporting resources, electronically delivered learning materials, and print resources that will be acquired to ensure successful and effective uses of technology

DESCRIPTION	QTY	COST	TOTAL
Maintenance svcs. for network infrastructure	3 years	\$9,400 per year	\$28,200

B. Projected costs of technologies that will be acquired and expenses such as hardware/software, digital curricula, upgrades and other services that will be needed to achieve the goals of this plan

DESCRIPTION	QTY	COST	TOTAL
Dell Latitude D600	120 (40/yr x 3yrs)	\$1,826 each	\$219,182
Mobile laptop cart	3	\$1,895	\$5,685
Server expansion	1	\$10,321.35	\$10,321.35
Additional cell phone service	8 current phones + 7 (2004-05)	\$50/month each x 12 months	\$9,000
Adt'l cell svc	15 phones + 5 (2005-06)	\$50/month each x 12 months	\$12,000
Adt'l cell svc	20 phones + 5 (2006-07)	\$50/month each x 12 months	\$15,000
Long dist. ph. svc.	1 account	\$300/mo. x 12 mo. X 3 yrs.	\$10,800
Equipment and installation for wireless network and other wiring	For 2 floors	\$25,087.40	\$50,174.8
Book tracking prog. and equipment	1	Approx. \$50 (software) + \$150 (hardware)	\$200